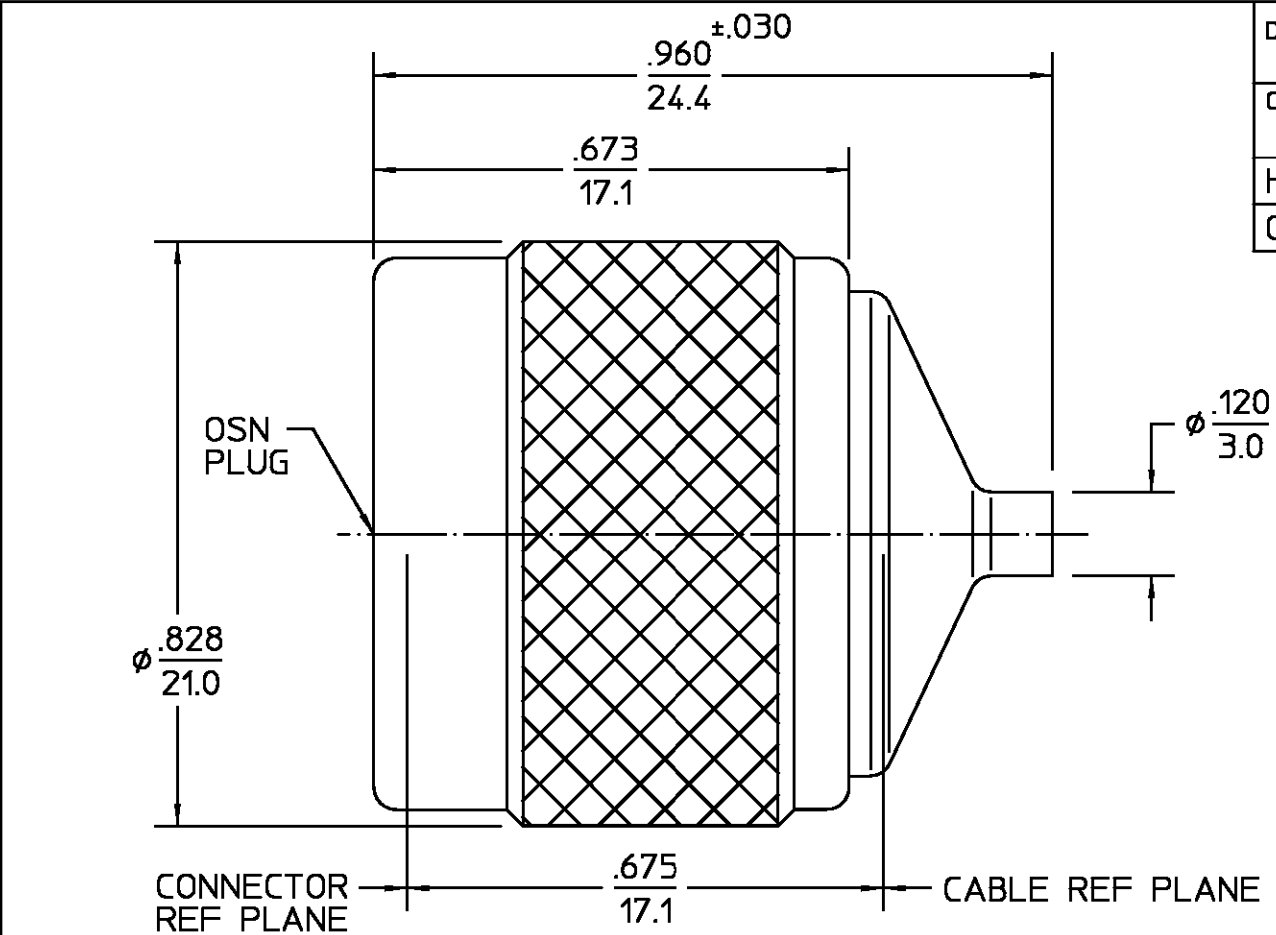




DESIGNED FOR USE WITH .085 SR CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.089
CONTACT	.024

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 ₄	REVISED	1/24/97	JP
B	PER EC 0U20-0692-00	9/24/01	C. Hoang

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 304.1	Temperature Rating -65°C TO $+125^{\circ}\text{C}$
Frequency Range (GHz) DC to 18	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX)	Torque 12 - 15 LBS	Shock MIL-STD-202, Method 213, Condition I
Sea Level 599	Force to Engage and	Thermal Shock MIL-STD-202, Method 107, Condition B,
VSWR $1.06 \pm .007$ fGHz	Disengage (In/Lbs MAX) 6.0	Except High Temp 200°C
Insertion Loss (dB MAX) $.05 \sqrt{f(\text{GHz})}$	Cable Retention	Moisture Resistance MIL-STD-202, Method 106, Except Step 7b
RF Leakage (dB MIN) $-(90 - f(\text{GHz}))$	Axial Force (Lbs) 60	(Vibration) Shall Be Omitted
Corona, 70,000 Ft (VRMS MIN) 500	Torque (In/Oz) 55	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 2500	Weight (Grams)	
Contact Resistance (Milliohms MAX)		
Center Contact 15		
Outer Contact 2.0		
Cable to Housing 2.0		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1500		
IR.(Megohms MIN) 10,000		

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES $\pm 1/64$ $\pm .005$ $\pm 1^{\circ}$		
DRAWN BY PRB DATE 6/15/67 CHECKED BY BWC 7/3/67 APPD BY GH 7/3/67		
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USE ASS'Y PROCEDURE 408-04914 (30-002) NO. AP.		
AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599		
TITLE OSN STRAIGHT PLUG DIRECT SOLDER ATTACHMENT		
SIZE B	CODE IDENT NO. 26805	3001-7985-00
SCALE 4:1		REV 02 ₄
SHEET 1 OF 1		